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NOTICE OF ALLOWANCE AND FEE(S) DUE

83811 7590 10/30/2009

AT & T LEGAL DEPARTMENT - WT PATENT DOCKETING ROOM 2A-207, ONE AT& T WAY BEDMINSTER, NJ 07921

EXAMINER	

RAYYAN, SUSAN F

ART UNIT PAPER NUMBER

2167 DATE MAILED: 10/30/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/828,839	04/21/2004	Nikolaos Koudas	ATT 2002-0457	5311

TITLE OF INVENTION: METHOD AND APPARATUS FOR OPTIMIZING QUERIES UNDER PARAMETRIC AGGREGATION CONSTRAINTS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$0	\$O	\$1510	02/01/2010

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. <u>PROSECUTION ON THE MERITS IS CLOSED</u>. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN <u>THREE MONTHS</u> FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. <u>THIS STATUTORY PERIOD CANNOT BE EXTENDED</u>. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:	If the SMALL ENTITY is shown as NO:
A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.	A. Pay TOTAL FEE(S) DUE shown above, or
B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or	B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: <u>Mail</u> Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

INSTRUCTIONS: This appropriate. All further of indicated unless correcter maintenance fee notificat	correspondence includin d below or directed oth	or transmitting the ISSU g the Patent, advance of erwise in Block 1, by (a	JE FEE and PUBLICATI rders and notification of n a) specifying a new corres	ON FEE (if requination of the second	red). H vill be and/or	Blocks 1 through 5 sh mailed to the current r (b) indicating a sepa	ould be completed where correspondence address as rate "FEE ADDRESS" for
CURRENT CORRESPONDE	ENCE ADDRESS (Note: Use Blo	ock 1 for any change of address)	Feel	s) Transmittal. Thi	s certif	ficate cannot be used for	r domestic mailings of the or any other accompanying nt or formal drawing, must
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PATENT DOCK ROOM 2A-207,	ONE AT& T WAY		I he State addr trans	Cer reby certify that the es Postal Service we essed to the Mail smitted to the USP	tificate is Fee(vith suf Stop FO (57	e of Mailing or Transı s) Transmittal is being ficient postage for firs ISSUE FEE address 1) 273-2885, on the da	nission deposited with the United t class mail in an envelope above, or being facsimile ate indicated below.
BEDMINSTER,	NJ 07921						(Depositor's name)
							(Signature)
							(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR		ATTO	RNEY DOCKET NO.	CONFIRMATION NO.
10/828,839	04/21/2004	•	Nikolaos Koudas		A	TT 2002-0457	5311
TITLE OF INVENTION:	: METHOD AND APPA	RATUS FOR OPTIMIZ	ING QUERIES UNDER P.	ARAMETRIC AG	GREG	ATION CONSTRAIN	TS
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE	E FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$0	\$0		\$1510	02/01/2010
EXAM	INER	ART UNIT	CLASS-SUBCLASS				
RAYYAN,	SUSAN F	2167	707-003000				
 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address for PTO/SB/122) attached. The Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorneys or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 							
PLEASE NOTE: Unl recordation as set forth (A) NAME OF ASSIC	ess an assignee is identi 1 in 37 CFR 3.11. Comp 3NEE	fied below, no assignee letion of this form is NO	T a substitute for filing an : (B) RESIDENCE: (CITY	uent. If an assign assignment. and STATE OR C	OUNI	'RY)	ocument has been filed for
Please check the appropri	ate assignee category or	categories (will not be pr	rinted on the patent) :	Individual 🖵 Co	orporati	on or other private gro	up entity 🖵 Government
 Issue Fee Publication Fee (No small entity discount permitted) 			 D. Payment of Fee(s): (Plea A check is enclosed. Payment by credit care The Director is hereby overpayment, to Depo 	d. Form PTO-2038 authorized to char	is atta	iched. required fee(s), any def	·
5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).							
NOTE: The Issue Fee and interest as shown by the r	d Publication Fee (if requeed of the text of the United States of the Un	ired) will not be accepte tes Patent and Trademark	d from anyone other than tl c Office.	ne applicant; a regi	stered	attorney or agent; or th	e assignee or other party in
Authorized Signature				Date			
Typed or printed name Registration No							
an application. Confident submitting the completed this form and/or suggestion	iality is governed by 35 application form to the ons for reducing this bur irginia 22313-1450. DO	U.S.C. 122 and 37 CFR USPTO. Time will vary den, should be sent to th	on is required to obtain or r 1.14. This collection is est depending upon the indiv e Chief Information Office COMPLETED FORMS TO	imated to take 12 r idual case. Any co r. U.S. Patent and	ninutes mment Traden	s to complete, including ts on the amount of tin nark Office, U.S. Depa	g gathering, preparing, and ne you require to complete rtment of Commerce, P.O.

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	ited States Pate	NT AND TRADEMARK OFFICE	UNITED STATES DEPAR United States Patent and ' Address: COMMISSIONER F P.O. Box 1450 Alexandria, Virginia 223 www.uspto.gov	Trademark Office OR PATENTS	
APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
10/828,839	04/21/2004	Nikolaos Koudas	ATT 2002-0457	5311	
83811 75	590 10/30/2009		EXAMINER		
AT & T LEGAL DEPARTMENT - WT		VT	RAYYAN, SUSAN F		
PATENT DOCKE			ART UNIT	PAPER NUMBER	
ROOM 2A-207, ONE AT& T WAY BEDMINSTER, NJ 07921			2167 DATE MAILED: 10/30/200	9	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 436 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 436 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)			
Notice of Allowability	10/828,839 Examiner	KOUDAS ET AL.			
	SUSAN FOSTER RAYYAN	2167			
The MAILING DATE of this communication appe All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this ap or other appropriate communication IGHTS. This application is subject to	plication. If not include n will be mailed in due o	d course. THIS		
1. This communication is responsive to <u>10/8/2009</u> .					
2. The allowed claim(s) is/are <u>6-10, now renumbered as clair</u>	<u>ns 1-5</u> .				
 3. ☐ Acknowledgment is made of a claim for foreign priority up a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have 2. ☐ Certified copies of the priority documents have 3. ☐ Copies of the certified copies of the priority do 	e been received. e been received in Application No		ion from the		
International Bureau (PCT Rule 17.2(a)). * Certified copies not received:					
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		complying with the req	uirements		
4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give			OTICE OF		
5. CORRECTED DRAWINGS (as "replacement sheets") mus	st be submitted.				
(a) 🔲 including changes required by the Notice of Draftspers		-948) attached			
1) 🔲 hereto or 2) 🔲 to Paper No./Mail Date					
(b) including changes required by the attached Examiner' Paper No./Mail Date	s Amendment / Comment or in the 0	Office action of			
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t	.84(c)) should be written on the drawi he header according to 37 CFR 1.121	ings in the front (not the (d).	back) of		
6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.					
Attachment(s) 1. □ Notice of References Cited (PTO-892)	5. 🗌 Notice of Informal I	Patent Application			
2. INotice of Draftperson's Patent Drawing Review (PTO-948)	6. 🗌 Interview Summary	/ (PTO-413),			
3. Information Disclosure Statements (PTO/SB/08),	Paper No./Mail Da 7. 🔲 Examiner's Amend	ate ment/Comment			
Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit of Biological Material	8. 🛛 Examiner's Statem	ent of Reasons for Allov	wance		
	9. 🗌 Other				